

What Is Claimed Is:

1. A method of controlling an wireless communication link in a transmitter of an wireless communication system automatically requiring a retransmission from a receiving party to a transmitting party, the method comprising the steps of:

5       transmitting data by an initial coding rate and/or an initial transmission power value to the receiving party;

          receiving a retransmission request signal from the receiving party; and

          performing the data retransmission by increasing the transmission power according to the retransmission request.

10       2. The method as claimed in claim 1, wherein the retransmission step is performed by decreasing the initial coding rate and increasing the transmission power according to the retransmission request.

15       3. The method as claimed in claim 2, wherein the transmission power is returned to an initialized value, if a response signal is received from the receiving party after performing the retransmission step.

20       4. The method as claimed in claim 2, wherein if the decrease of the coding rate for the retransmission reaches a lowest coding rate, the retransmission is continuously performed at the lowest coding rate, while the transmission power is continuously increased.

25       5. The method as claimed in claim 2, wherein a target power value is gradually increased while the data retransmission is performed according to the retransmission

request, and the transmission power is continuously increased.

6. The method as claimed in claim 1, wherein the retransmission step is performed by maintaining the initial coding rate and increasing the transmission power according to the retransmission request.

7. A method of controlling an wireless communication link in a transmitter of an wireless communication system that automatically requiring a retransmission from a receiving party to a transmitting party, the method comprising the steps of:

transmitting data by an initial coding rate and/or an initial transmission power value to the receiving party;

receiving a retransmission request signal from the receiving party; and

performing the data retransmission by increasing the number of multi-codes according to the retransmission request.

8. The method as claimed in claim 7, wherein the retransmission step is performed by decreasing the initial coding rate and increasing the number of multi-codes according to the retransmission request.

9. The method as claimed in claim 8, wherein the number of multi-codes is returned to an initialized value, if a response signal is received from the receiving party after performing the retransmission step.

10. The method as claimed in claim 8, wherein if the decrease of the coding rate for the retransmission reaches to a lowest coding rate, the retransmission is continuously

performed at the lowest coding rate, as the number of multi-codes is continuously increased.

11. The method as claimed in claim 7, wherein the retransmission step is performed by  
5 maintaining the initial coding rate and increasing the number of multi-codes according to the retransmission request.